



May 1, 2001

DIR-01-085

Pamela Sihvola
Co-Chair, Committee to Minimize Toxic Waste
P. O. Box 9646
Berkeley, CA 94709

Dear Ms. Sihvola:

Dr. Charles Shank, Berkeley Lab Director, has asked me to respond to your letter dated March 29, 2001.

Please understand that the information you have requested is highly technical in nature. We believe that in order for the information to benefit the Task Force members, an individual with sufficient expertise to analyze it would need to do so and then report on his or her findings to the Task Force. I encourage you to work with the City of Berkeley and its consultant, Mr. Bernd Franke (who is already under contract with the City to review radiological monitoring at the Laboratory) to obtain a useful analysis of the data you have requested. Alternatively, we offer to have our consultant, Owen Hoffman, conduct any further analysis of the information you have requested that may be appropriate to help the Task Force understand it.

With respect to the items you have requested:

1. The input files used in running the CALPUFF and CAP 88-PC models, the output files produced by these models, and the UC Davis wind tunnel study data will be attached to the report of our consultant, Dr. Owen Hoffman, entitled "The Technical Basis for Siting Additional Ambient Air Monitoring Stations for the Measurement of Tritiated Water Vapor at Lawrence Berkeley National Laboratory." The report will be completed within the next few weeks and will be provided at that time to you, the City of Berkeley, and the other Task Force members.
1. Weather station data for CY 2000 from both the twenty-meter weather tower and the meteorological station located inside the eucalyptus grove is attached. Since these data sets are very large, about 400 pages in total, the Lab will post this information onto the Task Force web site for access by other Task Force members.
2. You also have requested that we provide a copy of "Dr. Leticia Menchaca's Report on Organically Bound Tritium In Vegetation at LBNL." All the information we can

find has been provided to you. As was stated in Dr. Shank's January 9, 1997 letter to Mayor Shirley Dean, a copy of which was sent at the same time to the Committee To Minimize Toxic Waste (CMTW), Dr. Menchaca's work files were searched and all information relevant to monitoring of tritium levels in soil, water and plants was provided at that time in order to respond to a Berkeley City Council request. We provided the same information package to members of the Tritium Issues Work Group, including you and other members of the CMTW, on March 19, 1997. At the start of Mr. Franke's work for the City of Berkeley, the Laboratory provided to the City copies of all documents produced for the Tritium Issues Work Group, including the Dr. Menchaca information just described. If you would like another copy of this information or if other Task Force members would like a copy, let us know and we will be happy to provide it.

In addition, information regarding the analysis of vegetation for organically bound tritium, including the Dr. Menchaca information, has been provided annually in the Lab's Site Environmental Reports. These Reports were also provided to the Tritium Issues Work Group and to the City of Berkeley.

Please contact Mr. Ron Pauer at 510-486-7614 if you have any questions regarding the above.

Sincerely,

David McGraw
Division Director
Environment, Health and Safety

cc: Task Force Members
City Council